

THIS PROJECT CONSIST OF RECONSTRUCTION OF AN EXISTING TRAFFIC CONTROL SIGNAL TO PROVIDE FOR ADDITIONAL NORTH-SOUTH LANES AND A SEPARATE LEFT TURN LANE FROM DUVALL HIGHWAY. THE INSTALLATION WILL INCLUDE INTERSECTION LIGHTING. EDWIN RAYNOR BLVC./MD 173 WILL RUN IN THE NORTH-SOUTH DIRECTION.

THE INTERSECTION WILL OPERATE IN A NEMA FOUR PHASE, FULLY ACTUATED MODE WITH THE NORTH-SOUTH APPROACHES RUNNING CONCURRENTLY. EXCLUSIVE/PERMISSIVE LEFT TURN PHASE SHALL BE PROVIDED FOR THE NORTHBOUND TRAFFIC. THE EAST AND WEST APPROACHES WILL OPERATE IN A SPLIT PHASE.

INSTALL A FULL TRAFFIC ACTUATED, EIGHT PHASE CONTROLLER WITH TWO (2), FOUR-CHANNEL, TIME-DELAY-OUTPUT LOOP DETECTOR AMPLIFIERS, INTERSECTION MONITOR WITH BATTERY BACK-UP FOR PHONE DROP, AND ASSOCIATED HARNESS, HOUSED IN A NEMA SIZE '6' BASE MOUNTED CABINET.

THE CONTACT PERSONS FOR DISTRICT #5 ARE AS FOLLOWS:

MR. PAUL D. ARMSTRONG
ACTING DISTRICT ENGINEER
PHONE: (410) 841-5450

MR. JOHN MAYS
ASSISTANT DISTRICT ENGINEER-UTILITY
PHONE: (410) 841-5450

MR. LAWRENCE E. ELLIOTT
ASSISTANT DISTRICT ENGINEER-TRAFFIC
PHONE: (410) 841-5450

MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

MR. ERNEST L. HODSHON
ASSISTANT DISTRICT ENGINEER-MAINTENANCE
PHONE: (410) 841-5462

THE FOLLOWING TRAFFIC CONTROL STANDARDS APPLY ON THE TRAFFIC SIGNAL INSTALLATION.

MD 104.37-01
MD 104.38-01
MD 104.39-01
MD 104.40-01
MD 104.41-01
MD 104.43-01

A. EQUIPMENT TO BE FURNISHED BY THE ADMINISTRATION.

B. EQUIPMENT TO BE FURNISHED AND /OR INSTALLED BY THE CONTRACTOR.

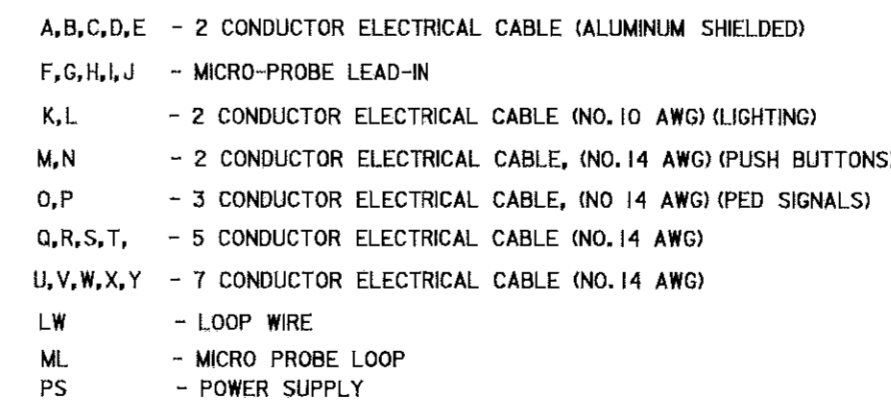
C. EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE
STATE HIGHWAY ADMINISTRATION AT: 7941 CONNELLEY DR, HANOVER, MD 21076


NOTES:

2. THE CONTRACTOR SHALL NOTIFY THE SHA AT (410) 787-7652 AT LEAST THREE DAYS IN ADVANCE OF DELIVERY.

1 2 3 4 5 6 7 8 9 10 11

WIRING DIAGRAM



REVISIONS		APPROVALS		<div><div>MARYLAND DOT - STATE HIGHWAY ADMINISTRATION <i>Office of Traffic & Safety</i> TRAFFIC ENGINEERING DESIGN DIVISION (TRAFFIC SIGNAL PLAN) MD 173 AND DUVALL HWY./VALLEY ROAD</div></div>			
		ASST. TRAFFIC ENGINEERING DESIGN DIVISION					
		ASST. DISTRICT ENGINEER, TRAFFIC					
		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION					
		DIRECTOR, TRAFFIC & SAFETY					
<div><div>G</div><div>RECONSTRUCTED FOR NEW GEOMETRICS</div></div>				<div><div>DRAWN BY: AMF</div><div>CHECKED BY: AAL</div><div>SCALE: 1"=20'</div><div>DATE: AUGUST, 1999</div></div>	<div><div>F.A.P. NO.</div><div>S.H.A. NO.</div><div>COUNTY: ANNE ARUNDEL</div><div>LOG MILE: 02017304J7</div></div>	<div><div>TS NO. 21</div><div>T.I.M.S. NO. D-091</div></div>	<div><div>SHEET NO.</div><div>6 OF 10</div></div>